

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079267.D
 Acq On : 15 Sep 2023 13:08
 Operator : JC\MD
 Sample : 04374-06ME
 Misc : 2.71g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DB-3-(31-33)ME

Quant Time: Sep 15 17:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

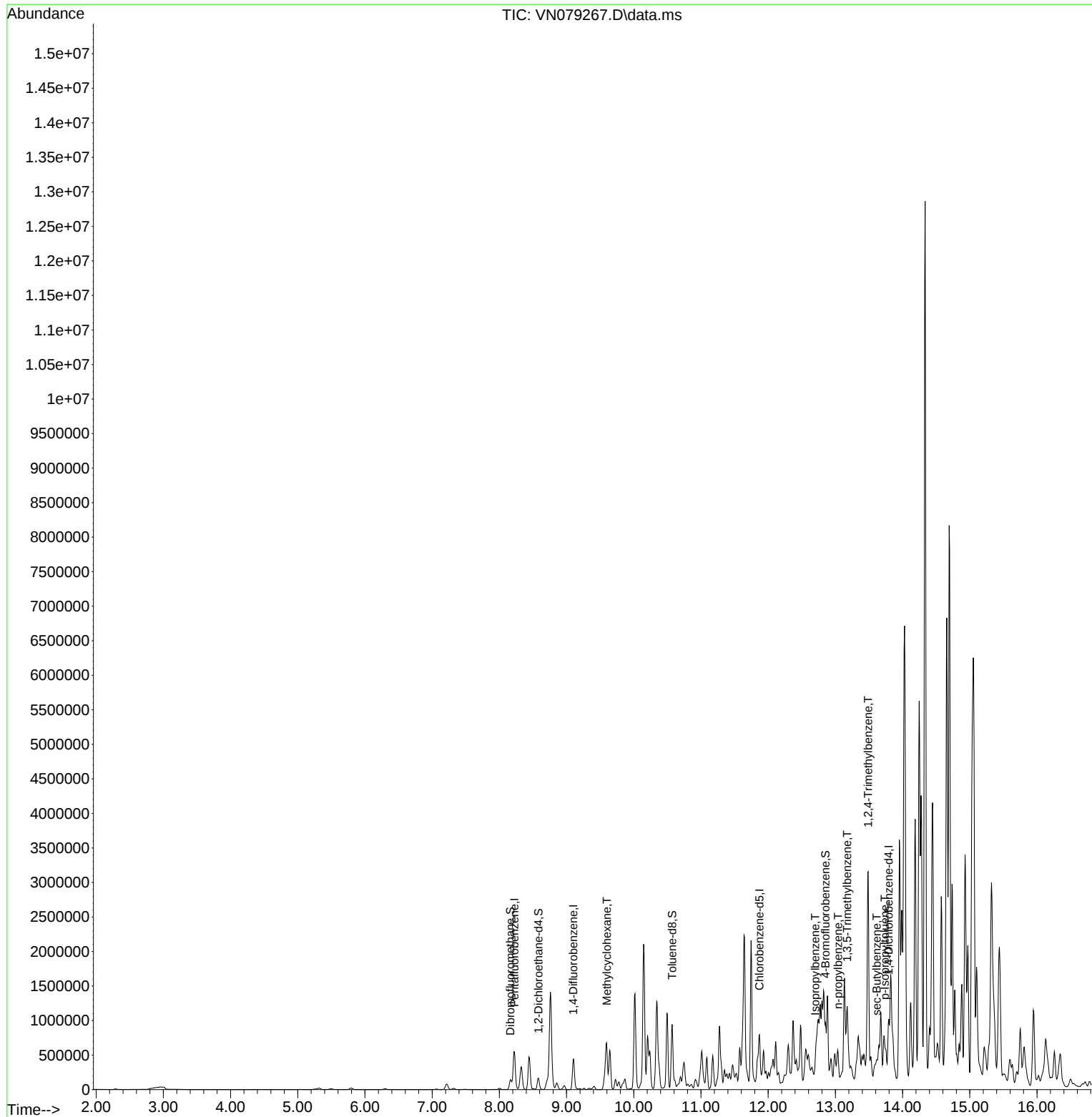
Internal Standards						
1) Pentafluorobenzene	8.224	168	188317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330935	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.871	117	312819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137489	54.085	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.160%	
35) Dibromofluoromethane	8.165	113	102137	46.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.800%	
50) Toluene-d8	10.571	98	415531	51.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.853	95	167946	65.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 130.280%#	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	118033	35.266	ug/l #	66
73) Isopropylbenzene	12.700	105	44774	3.261	ug/l	99
78) n-propylbenzene	13.041	91	254353	16.491	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	340413	29.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1709950	156.945	ug/l	99
85) sec-Butylbenzene	13.617	105	116432	8.936	ug/l #	60
86) p-Isopropyltoluene	13.735	119	176918	16.996	ug/l	99

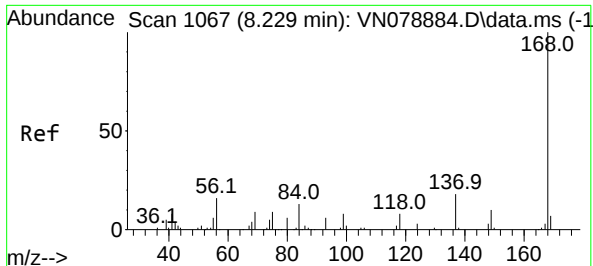
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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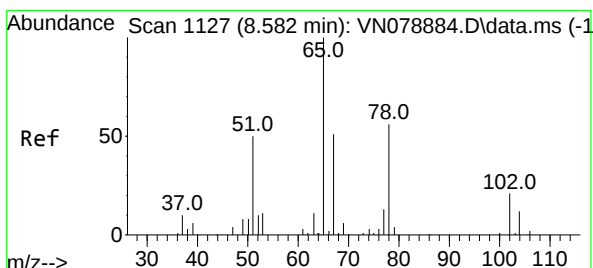
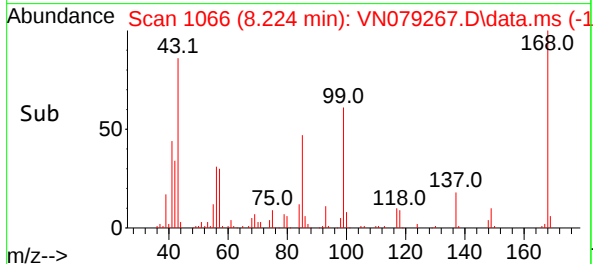
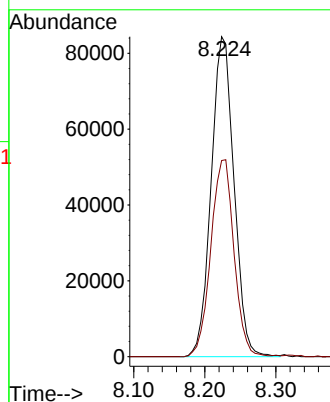
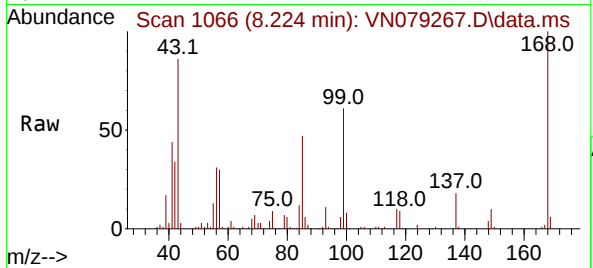




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

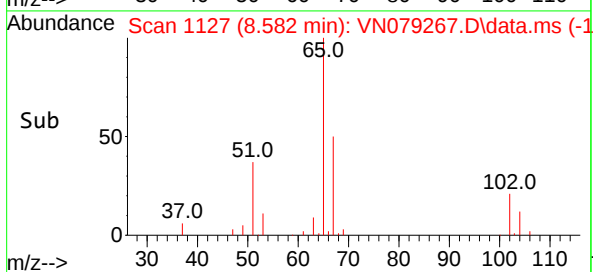
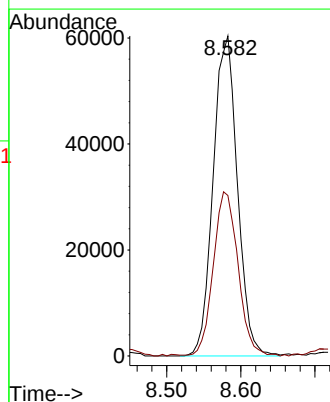
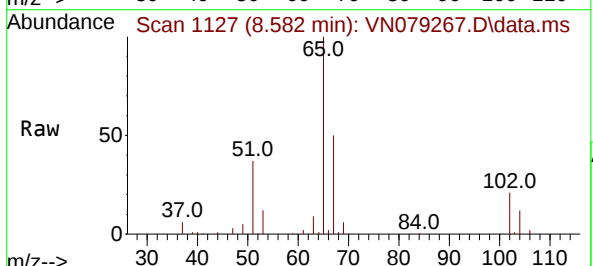
Instrument :
MSVOA_N
ClientSampleId :
DB-3-(31-33)ME

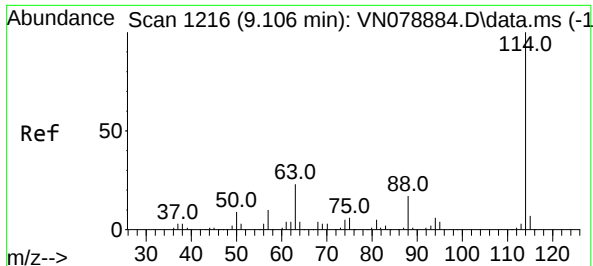
Tgt Ion:168 Resp: 188317
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.085 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 65 Resp: 137489
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

DB-3-(31-33)ME

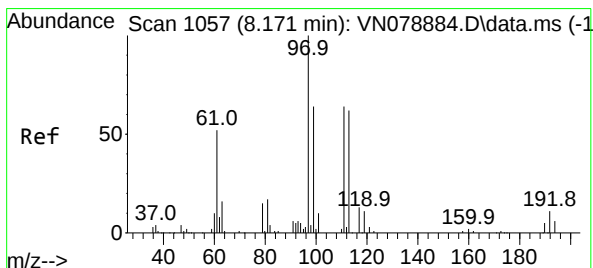
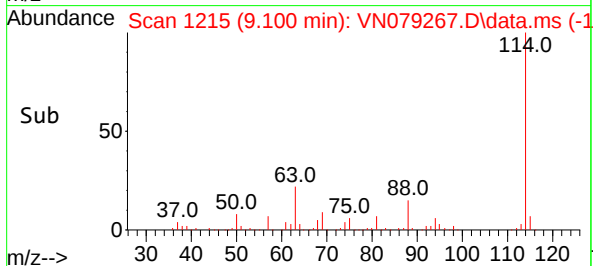
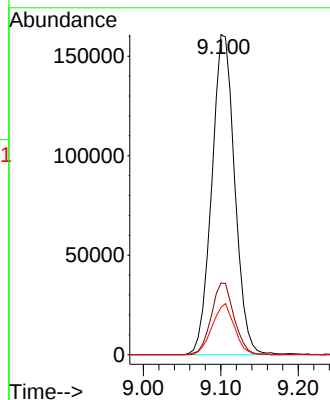
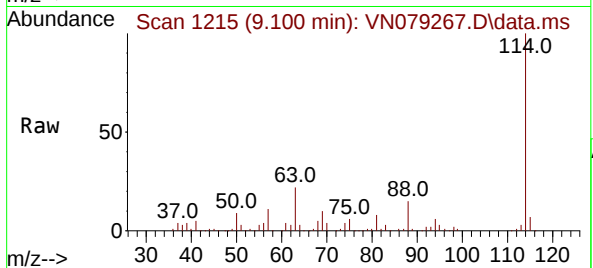
Tgt Ion:114 Resp: 330935

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.398 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

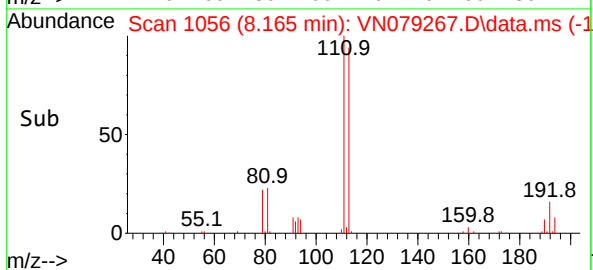
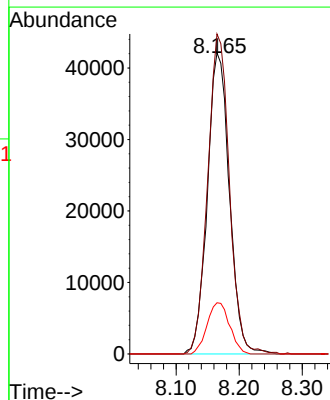
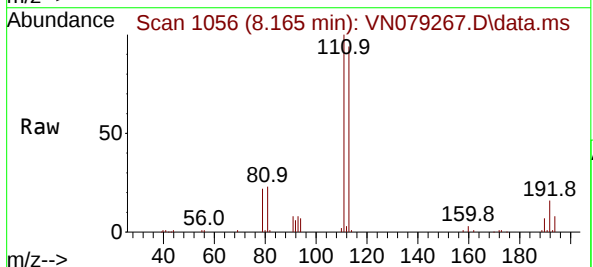
Tgt Ion:113 Resp: 102137

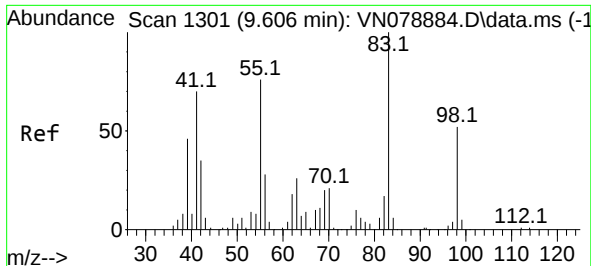
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.4 12.7 19.1





#39

Methylcyclohexane

Concen: 35.266 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

DB-3-(31-33)ME

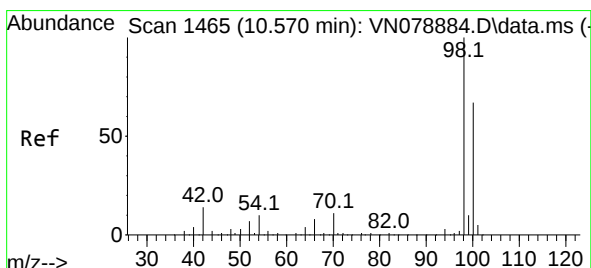
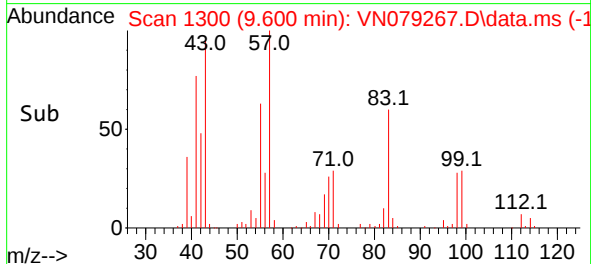
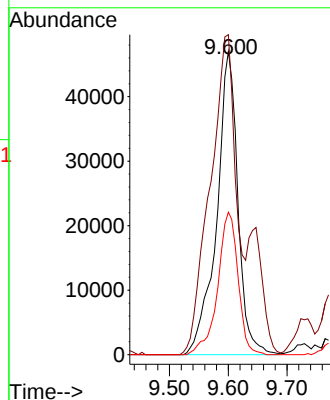
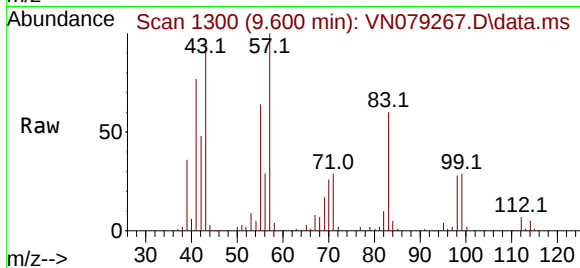
Tgt Ion: 83 Resp: 118033

Ion Ratio Lower Upper

83 100

55 105.6 49.1 73.7#

98 47.0 40.6 61.0



#50

Toluene-d8

Concen: 51.409 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079267.D

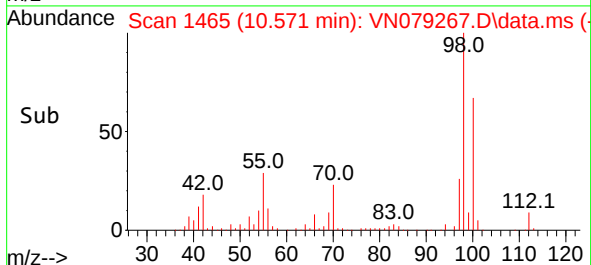
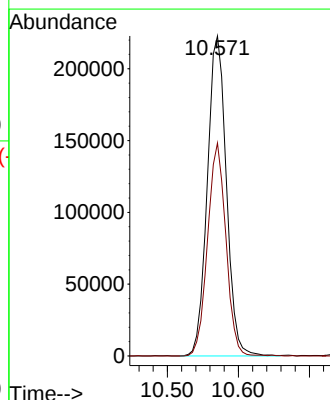
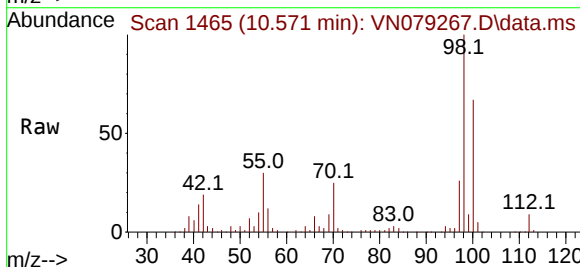
Acq: 15 Sep 2023 13:08

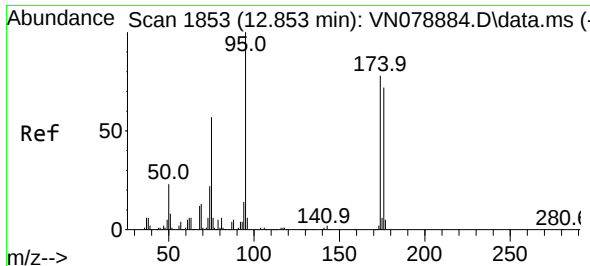
Tgt Ion: 98 Resp: 415531

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

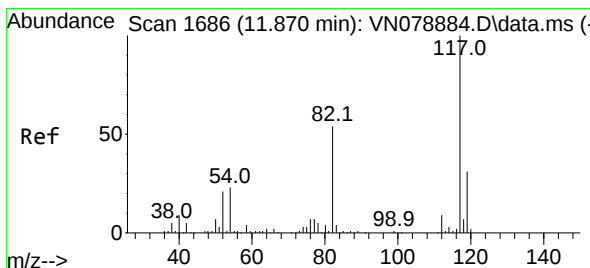
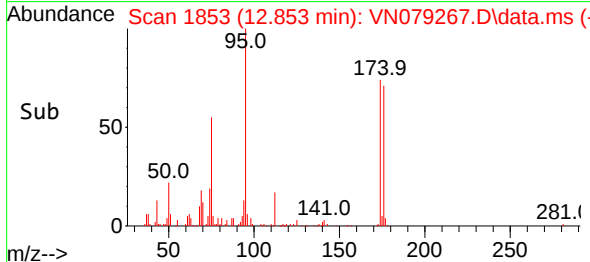
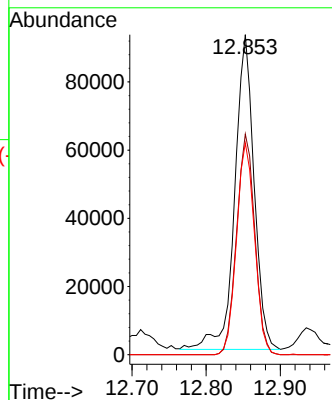
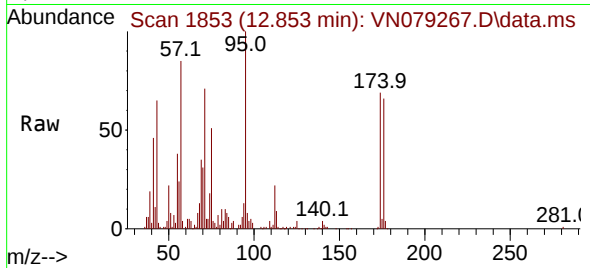




#62
4-Bromofluorobenzene
Concen: 65.139 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

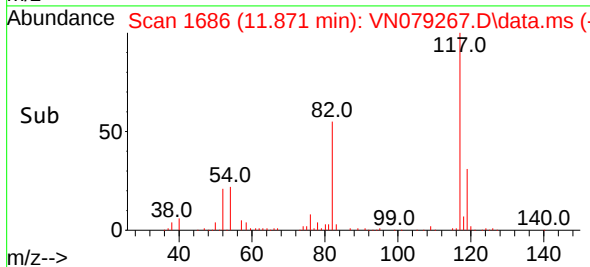
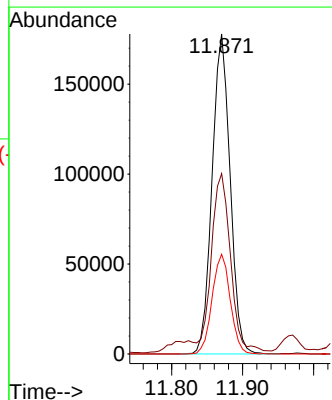
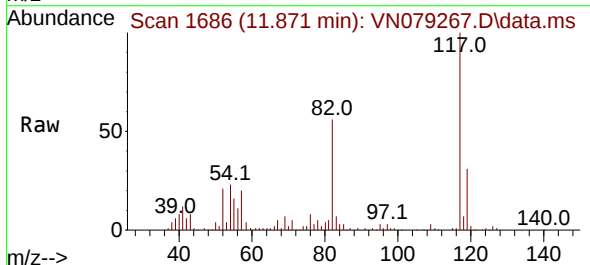
Instrument :
MSVOA_N
ClientSampleId :
DB-3-(31-33)ME

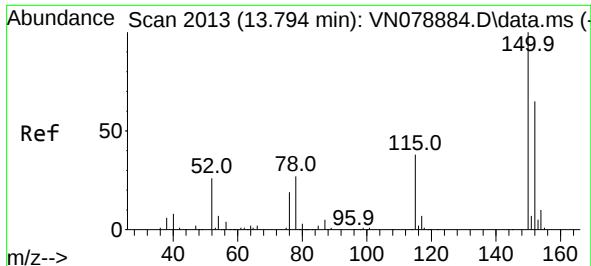
Tgt Ion: 95 Resp: 167946
Ion Ratio Lower Upper
95 100
174 65.5 0.0 143.8
176 62.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 117 Resp: 312819
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.2 25.6 38.4

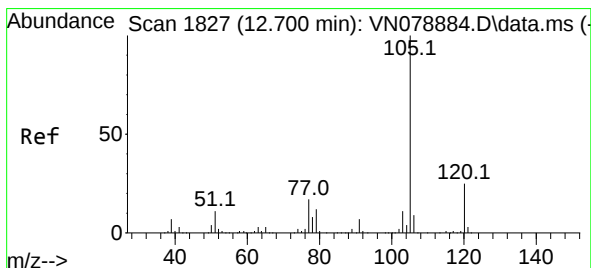
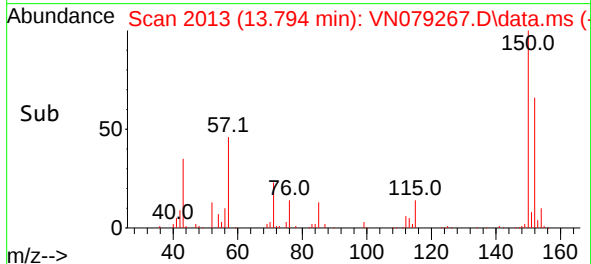
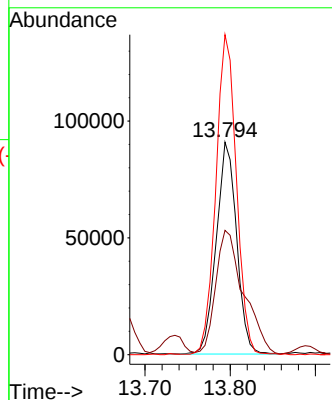
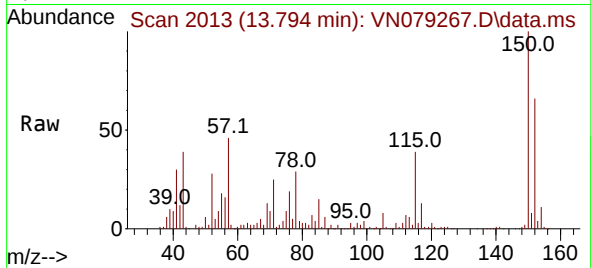




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

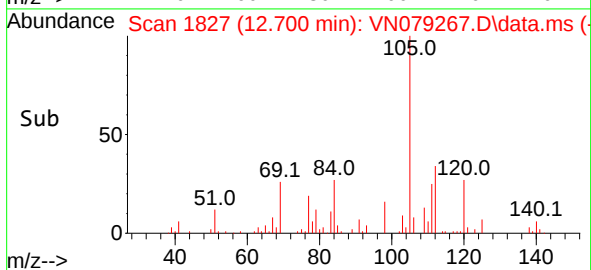
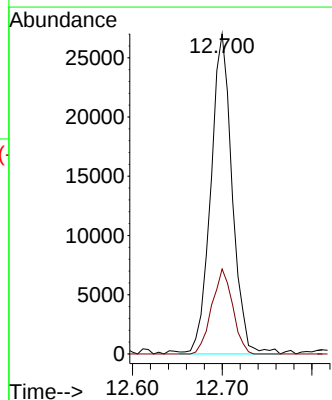
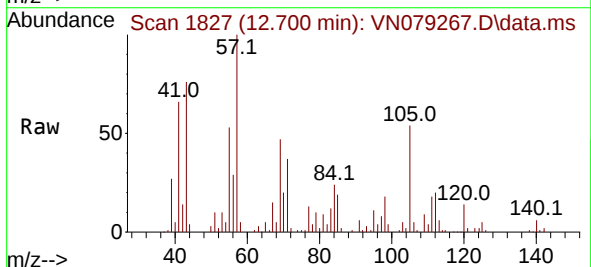
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 DB-3-(31-33)ME

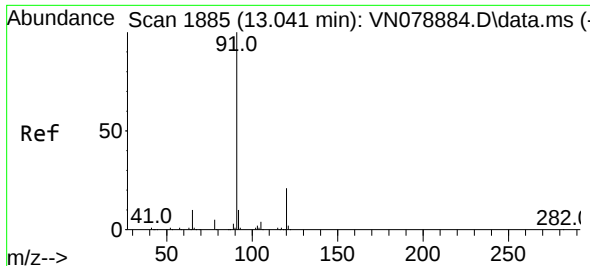
Tgt Ion:152 Resp: 150906
 Ion Ratio Lower Upper
 152 100
 115 80.0 32.3 96.8
 150 152.2 0.0 355.8



#73
 Isopropylbenzene
 Concen: 3.261 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Tgt Ion:105 Resp: 44774
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.1 39.1

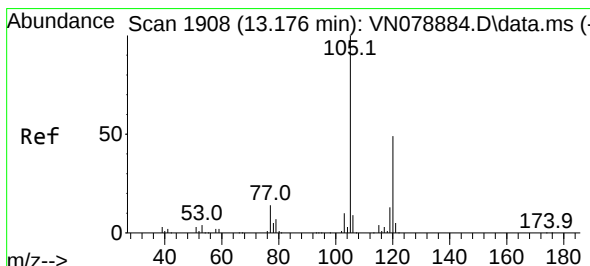
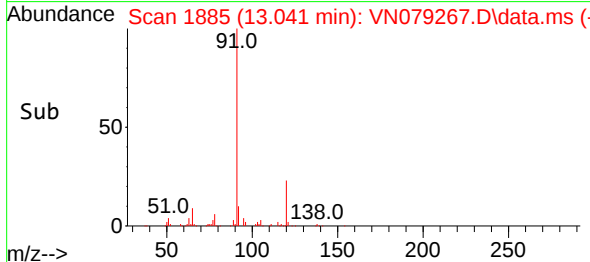
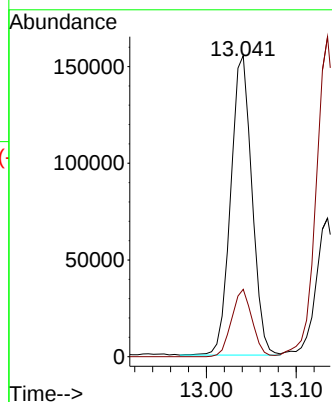
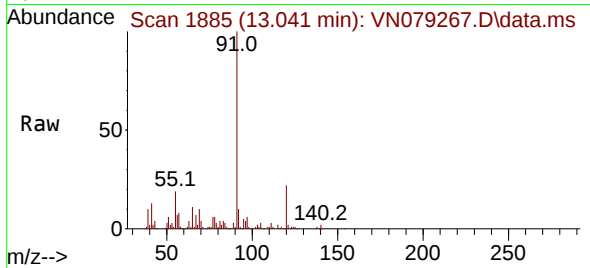




#78
n-propylbenzene
Concen: 16.491 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

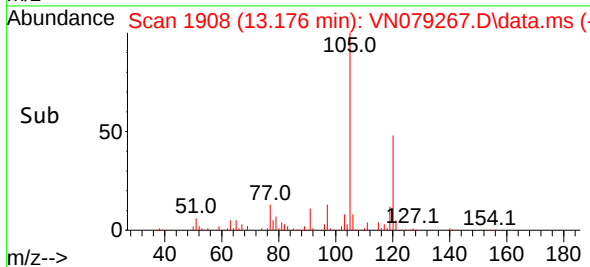
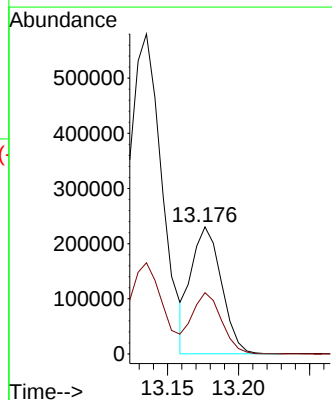
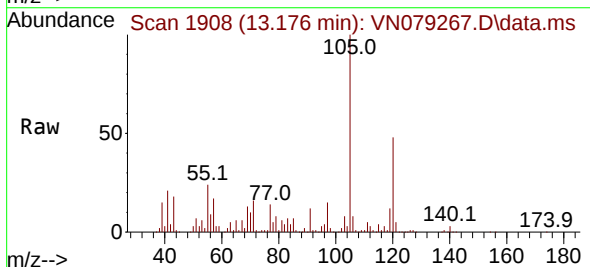
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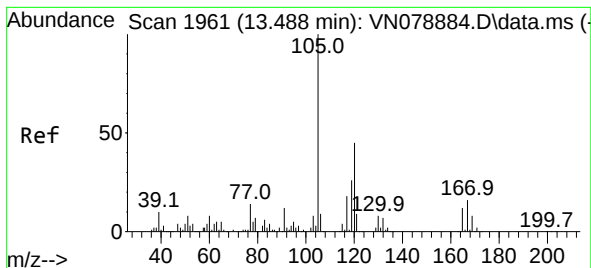
Tgt Ion: 91 Resp: 254353
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 29.756 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 105 Resp: 340413
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 156.945 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

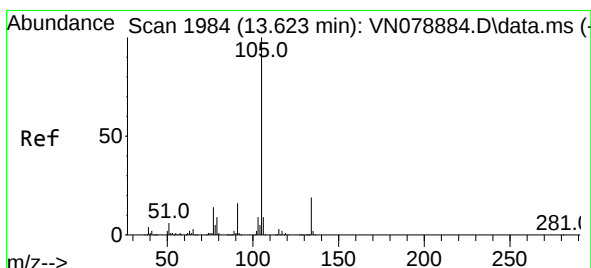
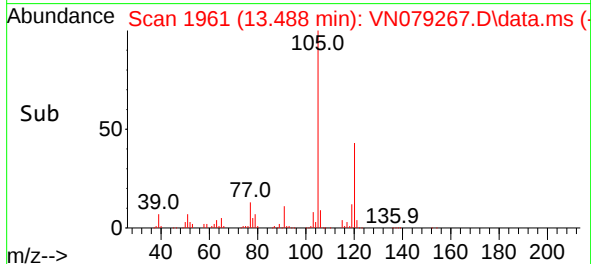
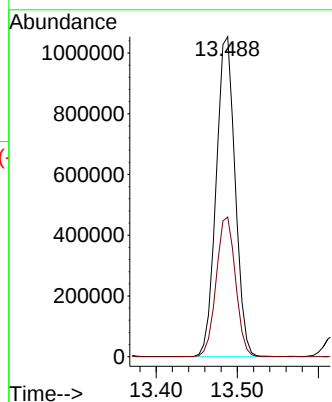
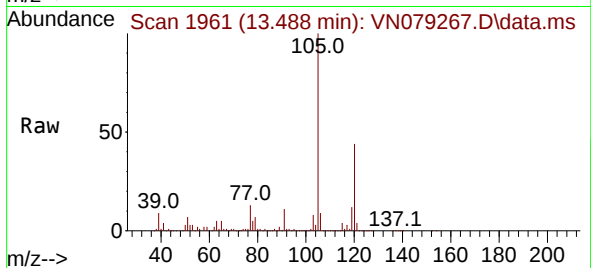
DB-3-(31-33)ME

Tgt Ion:105 Resp: 1709950

Ion Ratio Lower Upper

105 100

120 44.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 8.936 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079267.D

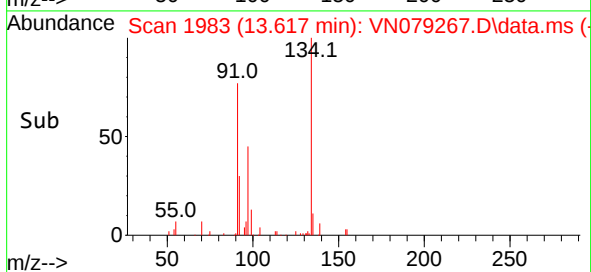
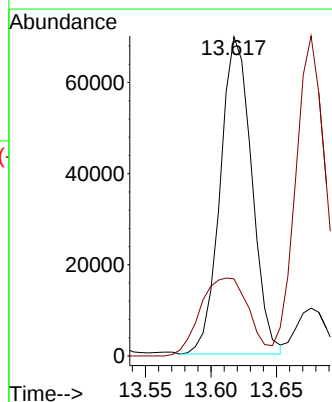
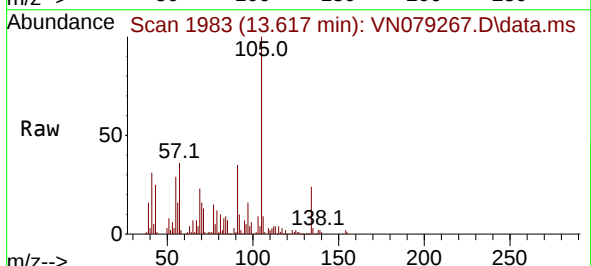
Acq: 15 Sep 2023 13:08

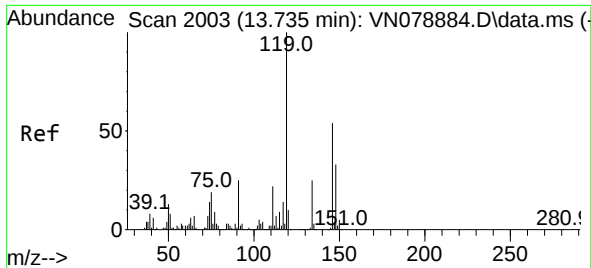
Tgt Ion:105 Resp: 116432

Ion Ratio Lower Upper

105 100

134 37.9 9.8 29.3#





#86
 p-Isopropyltoluene
 Concen: 16.996 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DB-3-(31-33)ME

Tgt Ion:119 Resp: 176918

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	25.2	12.4	37.2

